Title (en)
METHOD AND APPARATUS FOR BINARY-TREE SPLIT MODE CODING

Title (de)
VERFAHREN UND VORRICHTUNG FÜR BINÄRE BAUMTEILUNGSMODUSCODIERUNG

Title (fr)
PROCÉDÉ ET APPAREIL POUR CODAGE PAR DIVISION D'ARBRE BINAIRE

Publication
EP 3306938 A1 20180411 (EN)

Application
EP 16306306 A 20161005

Priority
EP 16306306 A 20161005

Abstract (en)
Binary tree split mode coding is performed while encoding digital video image blocks using a quad tree plus binary tree coding. The quadtree split can be represented by some combinations of horizontal and vertical binary tree split. Blocks are constrained to be split down to a minimum block size and with certain split constraints such that some redundant tree structures are avoided. Redundant syntax in coding the binary tree split mode syntax element is removed to provide coding efficiency.

IPC 8 full level
H04N 19/70 (2014.01); H04N 19/176 (2014.01); H04N 19/33 (2014.01); H04N 19/46 (2014.01); H04N 19/503 (2014.01); H04N 19/593 (2014.01)

CPC (source: EP KR US)
H04N 19/119 (2014.11 - US); H04N 19/176 (2014.11 - EP KR US); H04N 19/33 (2014.11 - EP KR US); H04N 19/46 (2014.11 - EP KR US); H04N 19/503 (2014.11 - EP KR US); H04N 19/593 (2014.11 - EP KR US); H04N 19/70 (2014.11 - EP KR US); H04N 19/91 (2014.11 - US); H04N 19/96 (2014.11 - EP US)

Citation (applicant)
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3306938 A1 20180411; CN 109792539 A 20190521; CN 109792539 B 20220208; EP 3523975 A1 20190814; EP 3523975 B1 20240313; EP 4362461 A2 20240501; EP 4362461 A3 20240522; JP 2019535175 A 20191205; JP 7319188 B2 20230801; KR 102493319 B1 20230131; KR 20190055237 A 20190522; US 11218738 B2 20220104; US 2019215537 A1 20190711; WO 2018065302 A1 20180412

DOCDB simple family (application)
EP 16306306 A 20161005; CN 201780061609 A 20170928; EP 17772442 A 20170928; EP 2017074694 W 20170928; EP 24162731 A 20170928; JP 2019516136 A 20170928; KR 20197012582 A 20170928; US 201716336261 A 20170928